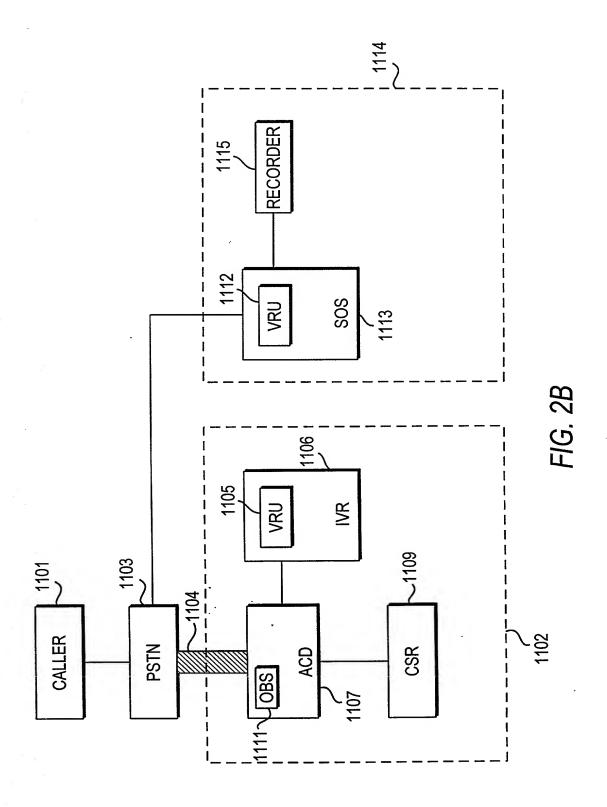
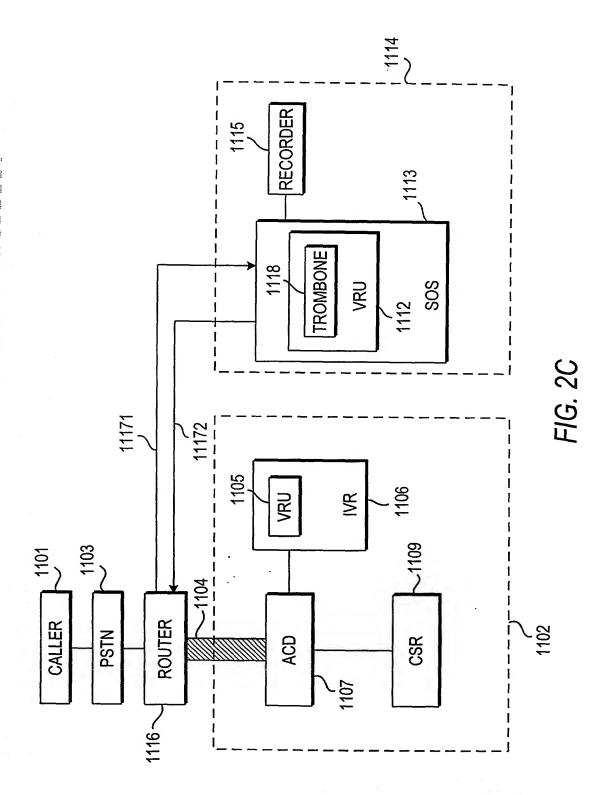
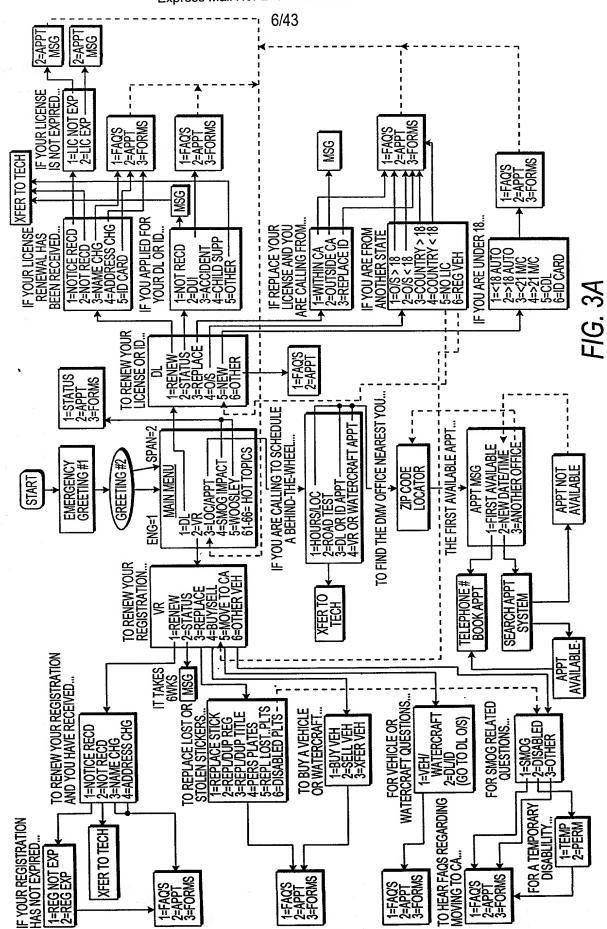


F/G. 2A



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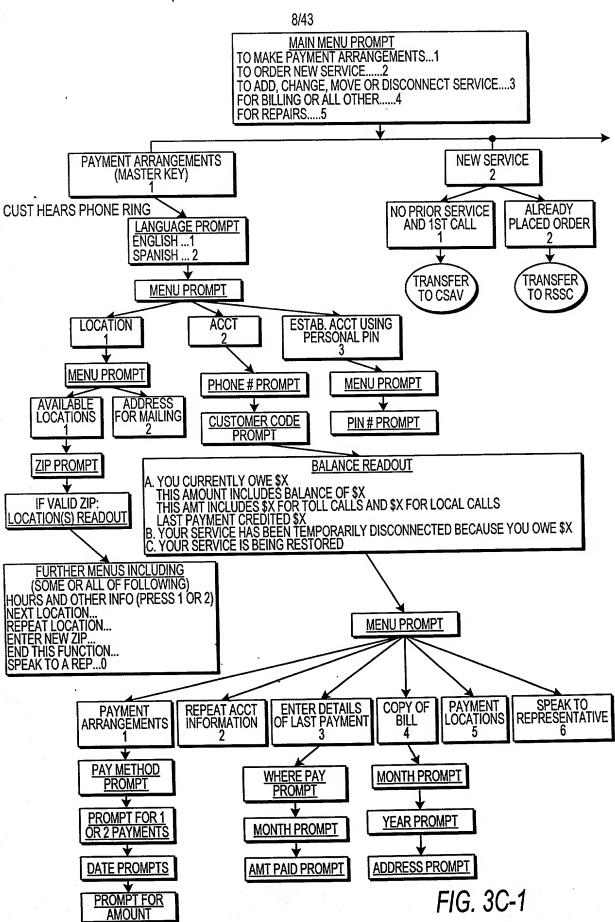


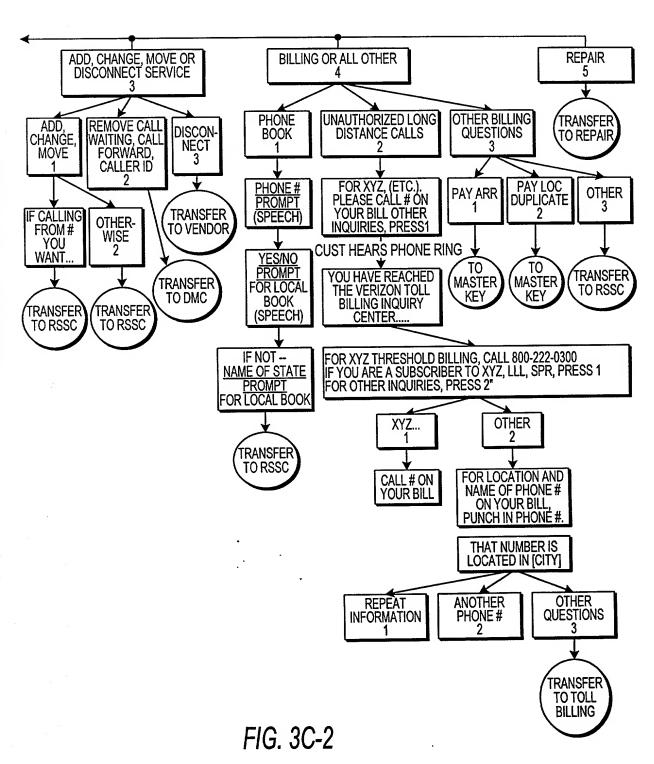


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FIG. 3C-1 FIG. 3C-2

FIG. 3B





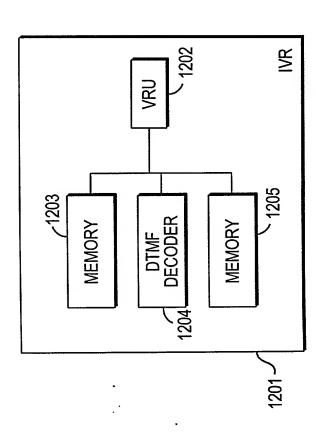


FIG. 3L

11/43

STATE	TIME	TIMIDO LOO
CALL ARRIVAL	##:##:##	DATE; CALLER IDENTIFICATION
INITIAL MENU	#:#:#	TOUCH TONE SELECTION, E.G., 3
TELEPHONE NUMBER PROMPT	##:##:##	TOUCH TONE NUMBERS PRESSED, E.G., 617-555-1212
VALIDATE TELEPHONE NUMBER	##:##:##	INVALID NUMBER
TELEPHONE NUMBER RE-PROMPT	##:##:##	TOUCH TONE NUMBERS PRESSED
VALIDATE TELEPHONE NUMBER	##:##:##	VALID NUMBER
MENU 1	#:#:#	TOUCH TONE SELECTION
QUERY A	#:#:#	TOUCH TONE NUMBERS PRESSED
QUERY B	##:##:##	TOUCH TONE NUMBERS PRESSED
MENU 2	##:##:##	TOUCH TONE SELECTION
TRANSFER TO AGENT	##:##:##	TRANSFER QUEUE (CALLER ON HOLD)
IVR END	##:##:##	TRANSFER COMPLETED

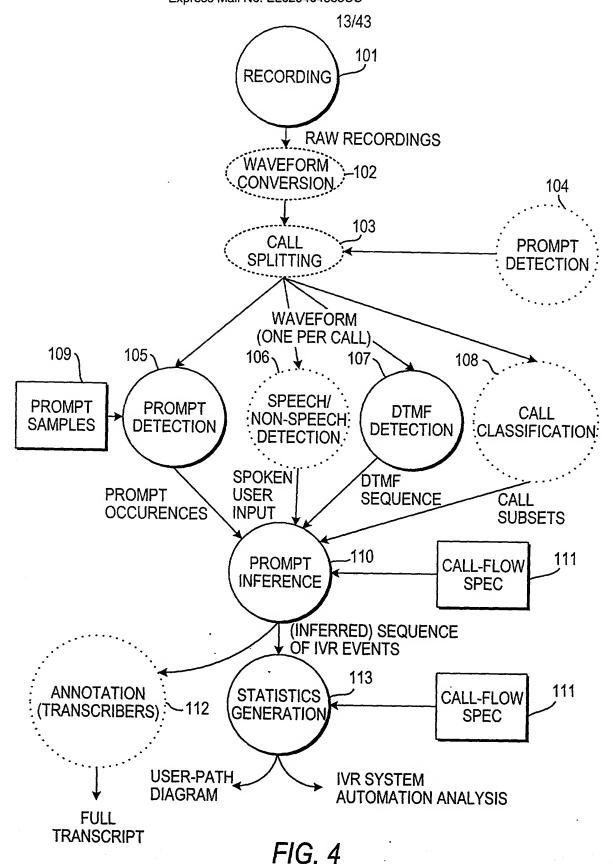
FIG 3F

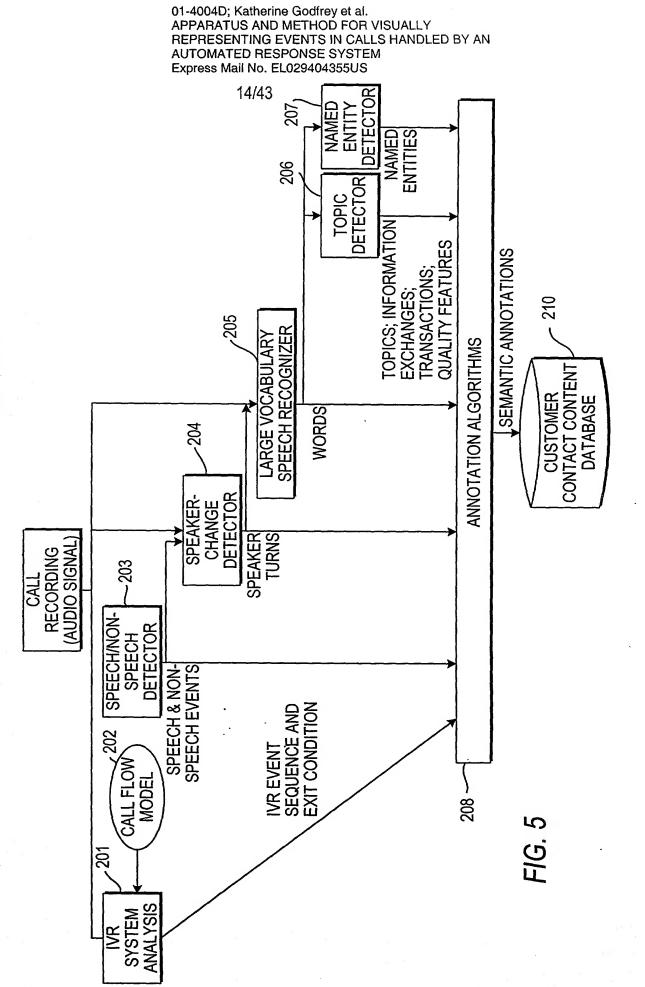
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UNIQUE ID	TIME	STATE	OUTCOME
212-123-4567	##,##	CALL ARRIVAL	DATE
212-123-4567	##,##	INITIAL MENU	TOUCH TONE SELECTION
212-123-4567	##,##	ACCOUNT NO. PROMPT	TOUCH TONE NUMBERS PRESSED
212-123-4567	##,##	VALIDATE NUMBER	INVALID
212-123-4567	##'##	ACCOUNT NO. RE-PROMPT	ACCOUNT NO. RE-PROMPT CALL TERMINATED BY CALLER
201-321-4567	##'##	CALL ARRIVAL	DATE
201-321-4567	## *##	INITIAL MENU	TOUCH TONE SELECTION
201-321-4567	##'##	ACCOUNT NO. PROMPT	TOUCH TONE NUMBERS PRESSED
201-321-4567	##'##	VALIDATE NUMBER	VALID
201-321-4567	##'##	MENU 1	TOUCH TONE SELECTION
201-321-4567	##'##	TRANSFER TO AGENT	TRANSFER COMPLETED
617-987-6543	##'##	CALL ARRIVAL	DATE
617-987-6543	=		
617-987-6543	##'##	ACCOUNT BALANCE	INFORMATION DELIVERED
617-987-6543	##'##	MENU 3	TOUCH TONE ELECTION
617-987-6543	##'##'	TRANSFER TO AGENT	TRANSFER QUEUE (CALLER ON HOLD)
617-987-6543	##'##	IVR END	CALL TERMINATED BY CALLER

FIG. 31

T.





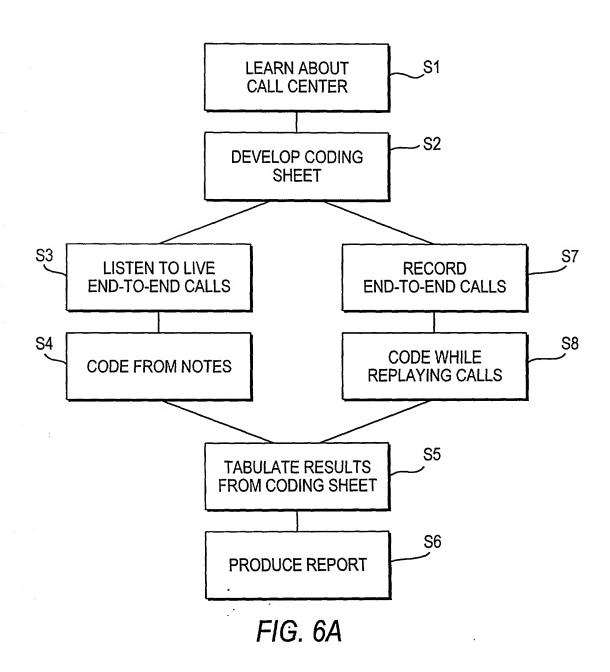


FIG. 6B

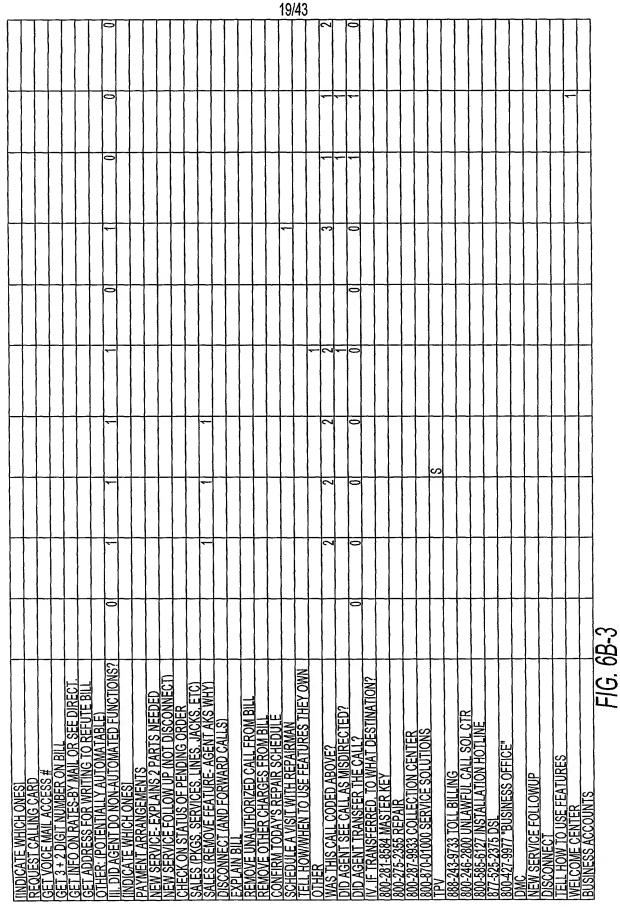
FIG. 6B-1
FIG. 6B-2
FIG. 6B-3
FIG. 6B-4

17/43

																	1	7/4	13																						
M-215	MCMI	2021234567 7181234567	M	12:01:11	2	2	0,		LO OM	BILLING, OTHER	OTHER 1 2 3	_1		0																											
IM-178	MCM	2021234567	M	12:10:21	6	æ.	9		0	NEW	7,5,5			2																						1					
M-130	MJW	5161234567		9:46:48	4	12	0		0	NEW U	MINTO I NOMBER	4	_	2																					9						
M-71	WCM	7321234567	1	14:30:57	_	က	0	-	0	AFAK A	2000	0700				-																							_		
M-33	WCM	9181234567	20101010	14:50:41	0	3	0	0	0	ADD/CHANGE KET	AUDICHANGE	3, 1, 373-022-0	0														-								0						
M-10	WCW	9731234567		12:41 PM	4	5	0			, 日 氏	JEK J	4, 3, 3	0	a																											
154	79	27-DEC 9141234567	100107	2:21 PM		11	0	1		0 INVALIDI	200		_	2																											
53		12/19/1996	W W	2:40 PM	12	12	0		9	31		-	0	2																					1						
38	YJT	12/17/1996	1004071717	12:03 PM	9	9	0	ļ	0	31	PHONE NO	KING	0	ə																											
140		12/14/1996		1:58 PM			0	0	0	4	3	HANG UP	0	9					_		=											•			0						
AT IN IN DEC	RANSCRIRER	NAME OF THE PROPERTY OF THE PR	ALONE #:	11 L	N OF INTERACT	URATION OF ENTIRE CALL (WHOLE MIN)	WAS THIS A FULLY AUTOMATED CALL?	ID CALL INVOLVE AN AGENT?	EBUG	VR SUMMARY: (MENU CHOICES)	JSE WORDS: "PHONE #" "RING" "FAST BUSY"	HANG UP" "ROTARY"	JID CALLER TRY 0 AND FAIL?	WAS CALL INCOMPLETE (0 FUNCTIONS?)	F 1, INDICATE WHICH ONE APPLIES)	ABANDON AT START OF IVR (RINGING OR INTRO)	BANDON AT PHONE # PROMPT	ABANDON AT CUSTOMER ID PROMPT	RANDON AT OTHER PROMPT	ABANDON WHILE RINGING FOR AGENT	RANDON AT "ALL OUR AGENTS ARE CURRENTLY"	RANDON AT FAST RIISY OR SYSTEM BUG	INITIALIA I Y HEAVY CALL VOLUMES	VHERE IN IVR DID THEY ABANDON	MASTERKEY	NEW SERVICE	ADD/CHANGE	BILLING/OTHER	REPAIR	IF CALLER GOT TO AN AGENT, HOW?)	ROTARY PHONE (0 TONES PRESSED)?	BY AUTO TRANSFER BASED ON PHONE NUMBER?	ROUGH INTRODUCTION BY PREVIOUS	IN.	HA VALID	PRE	OTHER (DIDN'T CATCH IT)	NDICATE MENU CHOICES MADE IN IVR	1. PAY ARRANGEMENTS (MASTER KEY)	2-1 ORDER NEW SERVICE (WELCOME CENTER)	

FIG. 6B

	18/43	3	
		SON CHECKING ON CALLS THAT HE DOESN'T RECOGNIZE SISTER DIALING DI NUMBER FOR INTERNET ACCESS AND SHELL HAVE TO PAY FOR THE CALLS.	
		NEW SVC ORDER ASSIGNED A NEW# AND T-> WELCOME CTR.	0
		LEASING A PHONE COSTS MONEY WORRIED THAT SHE THREWA PHONE OUT AND SOMEONE IS USING IT. SHE'S STILL GETTING A BILL FOR IT, PHONE LEASED THROUGH XYZ AND SO IS TRANSFERRED TO XYZ LEASING. WO HAVING REALISED THAT PHONE IS NOT CONNECTED TO NUMBER AND SHE'S NOT GETTING BILLED FOR OTHER CALLS.	
		CALLER THOUGHT IT WAS A VOICE-RECO SYSTEM AND WHEN RYOMPTED FOR PHONE NUMBER SPOKE IT AND DIDN'T PUTIT IN NEEDS REPAIR DONE ON THE JACK IN HER ROOM SCHEDULED AN APPT TOMORROW.	
		RECEIVED VZ TELEMARKETING CALL NOT A VZ CUST, NOT A VZ CUST, NOT A VZ CUST, NOT A VZ CUST, NOT A VZ WANT'S TO BE REMOVED FROM TELEMARKETING LIST, BLOCK ADDED TO LINE FOR VZ TELEMRK	
		CUSTOMER UNHAPPY WITH XYZ WANTS TO SWITCH TO VERIZON SELECTIVE CALLING.	
		ANGRY LAND- LOR DE CALLING FOR TENANTS: WARM TRANSFER IN AT START TENANT TO APT 4 MAS UNABLE TO MAS UNABLE TO A MONDAY AFTER 45 MINUTES.	
		WANTS ADD LONG DISTANCE TO TO THO HOTHER'S PHOOP FREE DRO-DAY-TRIAL FEATURES	0 0
2-2 NEW SERVICE - FOLLOW-UP 3-1 ADDI/ADD 3-2 ADDI/REMOVE 3-3 DISCONNECT 4-1 BILLING/PHONE DIRECTORY 4-2 BILLING/UNAUTHORIZED CALLS	4-3-1 BILLING/O IHEK/PAYMAS IER K 4-3-2 BILLING/OTHERMASTER KEY 4-3-3 BILLING/OTHEROTHER 5 REPAIR (REPAIR CENTER) 1-2 (SPANISH) (INDICATE FUNCTIONS COMPLETED IN VR) PAYMENT CENTER HOURS PAYMENT CENTER HOURS PAYMENT CENTER HOURS ACCOUNT INFORMATION ESTABLISH ACCE USING PIN PAYMENT ARRANGEMENTS FORMENT ARRANGEMENTS	i i	COULD THIS HAVE BEEN DONE IN MK/ IB I. AGENT PERFORM AUTOMATED FUNCTIONS? 10 IINDICATE WHICH ONES! PAYMENT CENTER LOCATION PAYMENT CENTER HOURS PAYMENT MAILING ADDRESS PAYMENT ARRANGEMENTS ESTABLISH ACCT USING PIN ESTABLISH ACCT LAST PAYMENT COPY OF BILL II. AGENT DO POTENTIALLY AUTO FUNCTIONS? 10



20/43 2ND AGENT ASSIGNS RATE PLAN, ETC. XYZ EXPLAINED THAT LEASING IS ENDED AND THE PHONE ISN'T CONNECTED TO HER BILLING NUMBER. 1 OR 4-3-1 PAY ARRANGEMENTS (MASTER KEY)
2-1 ORDER NEW SERVICE (WELCOME CENTER)
2-2 NEW SERVICE - FOLLOW-UP
3-2 ADD/ADD
3-2 ADD/REMOVE
3-3 DISCONNECT
4-1 BILLING/PHONE DIRECTORY
4-2 BILLING/UNAUTHORIZED CALLS
4-2 BILLING/UNAUTHORIZED CALLS
4-3-2 BALANCE/COPY/LOCATIONS/LAST PAYMENT
4-3-2 BALANCE/COPY/LOCATIONS/LAST PAYMENT
5 REPAIR (REPAIR CENTER)
1-2 (SPANISH)
ROTARY (INITIAL TIMEOUT)
INVALID, TIMEOUT, OR "0" ONCE IN IVR FIG. 6B-4 DIFFERENT CARRIER
SUPERVISOR
TRANSFER TO SPANISH AGENT
WAS TRANSFER WARM (AGENT STAYED)?
DURATION WITH SECOND AGENT?
FURTHER TRANSFERS?
IIF YES!
TOTAL NUMBER OF AGENTS INVOLVED TOPIC SUMMARY
PAYMENT ARRANGEMENT
NEW SERVICE
ORDER FOLLOW-UP
SALES - ADD
SALES - REMOVE
DISCONNECT
BALANCE/COPY...
OTHER
REPAIR
SPANISH
REROUTE EXPLAIN:

FIG. 6C

FIG. 6C-1	
FIG. 6C-2	
FIG. 6C-3	
FIG. 6C-4	

	22143			
	Α	С	<u>D</u>	E
1	CALL NUMBER	ALL CALLS STATISTICS		
2	TRANSCRIBER			
	DATE:			
	PHONE #:			
5	SEX OF CALLER:			
_				
6_	CLOCK TIME (END OF INTERACTION)	5.123042506	0%	
7	DURATION OF INTERACTION (WHOLE MIN)	7.548098434	0%	
8	DURATION OF ENTIRE CALL (WHOLE MIN)		3%	
9	WAS THIS A FULLY AUTOMATED CALL?	14		
10	DID CALL INVOLVE AN AGENT?	339	447	
11				
12	IVR SUMMARY: (MENU CHOICES)	0	0%	
13	(USE WORDS: "PHONE #" "RING" "FAST BUSY"	0	0%	
14		0	0%	
15	<u> </u>			
	DID CALLER TRY 0 AND FAIL?	30	7%	
19	WAS CALL INCOMPLETE (O FUNCTIONS?)	94	21%	
11/	WAS CALL INCOMPLETE (O PONCTIONS:)	Ö	0%	
18	[IF 1, INDICATE WHICH ONE APPLIES]	0	0%	-1
19	ABANDON AT START OF IVR (RINGING OR INTRO)	_ 	1%	
20	ABANDON AT PHONE # PROMPT	4	0%	
	ABANDON AT CUSTOMER ID PROMPT	2		
22	ABANDON AT PROMPT	22	5%	
23	ABANDON WHILE RINGING FOR AGENT	2	0%	
24	ABANDON AT "ALL OUR AGENTS ARE CURRENTLY"	4	1%	
125	ABANDON AT FAST BUSY OR SYSTEM BUG	14	3%	
126	UNUSUALLY HEAVY CALL VOLUMES	17	4%	
	OTHER:	29	6%	
12/	WHERE IN IVR DID THEY ABANDON			
		20	4%	
	1 MASTERKEY	3	1%	
_	2 NEW SERVICE	13	3%	
3		12	3%	
32	4 BILLING/OTHER	2	0%	
33	3 5 REPAIR			
34	4 OTHER	18	4%	,
3				
3	[IF CALLER GOT TO AN AGENT, HOW?]	0		
12	7 BY ROTARY PHONE (0 TONES PRESSED)?	62		
15	8 BY AUTO TRANSFER BASED ON PHONE NUMBER?	0	0%	0
13	9 THROUGH INTRODUCTION BY PREVIOUS AGENT?	. 0		Ö
3	STATUS TUDOLICIA IN A COLOR DE FREVIOUS AGENTS	28		
4	0 IN IVR THROUGH IVALID/TIMEOUT?	228		
4	1 IN IVR, THROUGH A VALID NONZERO TRANSFER?	19		
4	2 BY PRESSING "0"			
4	3 OTHER (DIDN'T CATCH IT)			
4	4 INDICATE MENU CHOICES MADE IN IVR			
4	5 1. PAY ARRANGMENTS (MASTER KEY)	12		
	6 2-1 ORDER NEW SERVICE (WELCOME CENTER)	28		
	7 2-2 NEW SERVICE - FOLLOW -UP	37		
- 17	18 3-1 ADD/ADD	64		
Ë	49 3-2 ADD/REMOVE	1:	$2 3^{\circ}$	/
14	13 3-2 AUD/REINOVE			

	23/43			
	A	С	. D	E
50	3-3 DISCONNECT	11	2%	
	4-1 BILLING/PHONE DIRECTORY	1	0%	
	4-2 BILLING/ UNAUTHOURIZED CALLS	11	2%	
	4-3-1 BILLING/OTHER/PAY/MASTER K	3	1%	
	4-3-2 BILLING/OTHER/MASTER KEY	11	2%	
	4-3-3 BILLING/OTHER/OTHER	71	16%	
	5 REPAIR (REPAIR CENTER)	14	3%	
		1	0%	
	1-2 (SPANISH)	Ö	0%	
	[INDICATE FUNCTIONS COMPLETED IN IVR]	3	1%	
	PAYMENT CENTER LOCATION	0	0%	
	PAYMENT CENTER HOURS	2	0%	
	PAYMENT MAILING ADDRESS		3%	
	ACCOUNT INFORMATION	14		
	ESTABLISH ACCT USING PIN	0	0%	
	PAYMENT ARRANGEMENTS	1	0%	
	ENTER DETAILS OF LAST PAYMENT	0	0%	
	COPY OF BILL	0	0%	
67	ORDER PHONE DIRECTORY	0	0%	
68	IDENTIFY UNAUTH CALL	4	1%	
69	GET 800 # TO IDENTIFY UNAUTH CALLS-ETC.	3	1%	
70				
	AGENT CALL SUMMARY: (PROBLEM + SOLUTION)			
71	ACENT CALL COMMINANT: (1 100 DELIM 1 00 DE 1101)			
72				
73				
7/	COULD THIS HAVE BEEN DONE IN MK/TB	24	5%	
75	OOOED THIS TIP (VE BEELT BOTTE III IIII III			
76	I. DID AGENT PERFORM AUTOMATED FUNCTIONS?	25	6%	
13	[INDICATE WHICH ONES]			
70	PAYMENT CENTER LOCATION	0	0%	
	PAYMENT CENTER LOCATION PAYMENT CENTER HOURS	Ō	0%	
		0	0%	
	PAYMENT MAILING ADDRESS	9	2%	
81	ACCOUNT INFORMATION	0	0%	
82	ESTABLISH ACCT USING PIN	5		
83	PAYMENT ARRANGEMENTS	0	0%	
	ENTER DETAILS OF LAST PAYMENT	5		
85	COPY OF BILL	1	0%	
	ORDER PHONE DIRECTORY	5		
	IDENTIFY ABC UNAUTH CALL	0		
88	IDENTIFY XYZ ETC. UNAUTH CALL			
89		40	40/	
90	II. DID AGENT DO POTENTIALLY AUTO FUNCTIONS?	16	4%	
9	[INDICATE WHICH ONES]		001	
92	FIND TOLL CALL RANGE	8	0%	
93	REQUEST CALLING CARD			
9	GET VOICE MAIL ACCESS #	3		
g	GET 3+2 DIGIT NUMBER ON BILL	2		
la	GET INFO ON RATES-BY MAIL OR SEE DIRECT	(
lö	GET ADDRESS FOR WRITING TO REFUTE BILL	(0%	

<u> </u>	D I	E I
OO OTHER (DOTENTIALLY AUTOMATARIE)		
98 OTHER: (POTENTIALLY AUTOMATABLE) 3	0%	
99		
100 III. DID AGENT DO NON-AUTOMATED FUNCTIONS? 220	49%	
101 [INDICATE WHICH ONES]	- 10.70	
102 PAYMENT ARRANGEMENTS 5	1%	
103 NEW SERVICE- EXPLAINS 2 PARTS NEEDED 21	5%	
<u> </u>	2%	
 		
105 CHECK ON STATUS OF PENDING ORDER 6	0%	
106 SALES (PKGS, SERVICES, LINES, JACKS, ETC) 65	15%	
107 SALES (REMOVE FEATURE- AGENT ASKS WHY) 16	4%	
108 DISCONNECT (AND FORWARD CALLS) 9	2%	
109 EXPLAIN BILL 25	6%	
110 REMOVE UNAUTHORIZED CALL FROM BILL 4	1%	
111 REMOVE OTHER CHARGES FROM BILL 2	0%	
112 CONFIRM TODAY'S REPAIR SCHEDULE 3	1%	
113 SCHEDULE A VISIT WIHT REPAIRMAN 8	2%	
114 TELL HOW/WHEN TO USE FEATURES THEY OWN 12	3%	
115 OTHER 34	8%	
116 WAS THIS CALL CODED ABOVE? 675	579	
117 DID AGENT SEE CALL AS MISDIRECTED? 81	18%	
118 DID AGENT TRANSFER THE CALL? 82	18%	
119 IV. IF TRANSFERRED, TO WHAT DESTINATION?	0%	
120 800-281-8584 MASTER KEY 0	0%	
121 800-275-2355 REPAIR 12	3%	
122 800-287-9933 COLLECTION CENTER 10	2%	
123 800-870-0000 SERVICE SOLUTIONS 0	0%	
124 TPV 1	0%	
125 888-243-9733 TOLL BILLING 9	2%	
126 800-246-2800 UNLAWFUL CALL SOL CTR 0	0%	
127 800-585-6127 INSTALLATION HOTLINE 11	2%	
128 877-525-2375 DSL 2	0%	
129 800-427-9977 "BUSINESS OFFICE" 1	0%	
	0%	
130 DMC 1	0%	
131 NEW SERVICE FOLLOWUP	0%	
132 DISCONNECT	0%	
133 TELL HOW TO USE FEATURES 1		
134 WELCOME CENTER 10	2%	
135 BUSINESS ACCOUNTS 2	0%	
136 ISP CALL/VERIZON ONLINE	0%	
137 WIRELESS 3	1%	ļ
138 DIFFERENT CARRIER 2	. 0%	
139 SUPERVISOR 0	0%	
140 OTHER 3	1%	
141 TRANSER TO SPANISH AGENT 6	1%	
142 WAS TRANSER WARM (AGENT STAYED)? 34	8%	
143 DURATION WITH SECOND AGENT? 663 0.29	92715232	
144 FURTHER TRANSFERS? 14	3%	
145 [IF YES]		
146 TOTAL NUMBER OF AGENTS INVOLVED 205	9%	

	20/40			
1447	A	C	D	E
147	EVOLAN.			
	EXPLAIN:			
149				
	TOPIC SUMMARY			
	PAYMENT ARRANGEMENT	10		
	NEW SERVICE	21		1
	ORDER FOLLOW-UP	16		
	SALES-ADD	65		
	SALES-REMOVE	16		1
156	DISCONNECT	9		
157	PHONE DIRECTORY	1		1
	IUNAUTHORIZED CALLS	9		
	BALANCE/COPY	14		+
	OTHER	89		+
161	REPAIR	11		
162	SPANISH	6		
	REROUTE	1		
164		267		
165		201		
166				
167		 		-
168		1		
169		 		
170		- 		
171				
172		1		
173		 		ļ
	ROUTING SUMMARY	 		ļ
		 		
175	1 OR 4-3-1 PAY ARRANGMENTS (MASTER KEY)			
1701	2-1 ORDER NEW SERVICE (WELCOME CENTER) 2-2 NEW SERVICE-FOLLOW-UP	 		ļ
		 		
170	3-1 ADD/ADD	 		
1/9	3-2 ADD/REMOVE	-		
	3-3 DISCONNECT	<u> </u>		
	4-1 BILLING/PHONE DIRECTORY			
	1-2 BILLING/UNAUTHORIZED CALLS			
	1-3-2 BALANCE/COPY/LOCATIONS/LAST PAYMENT			
	1-3-3 OTHER ·			
185	5 REPAIR (REPAIR CENTER)			
	1-2 (SPANISH)			
	ROTARY (INITIAL TIMEOUT)		•	
188	NVALID, TIMEOUT, OR "0" ONCE IN IVR			
189	OTHER (UNKNOWN)			

DATA 20/43	CONCLUSION
1. CUSTOMER ROUTES SELF IN IVR TO WRONG AGENT 2. AGENT TRANSFERS CUSTOMER IN RESPONSE TO CUSTOMER NEED.	MISROUTING (2 OR MORE AGENTS INVOLVED INSTEAD OF 1)
1. CUSTOMER ROUTES SELF IN IVR TO WRONG AGENT	MISROUTING (WRONG AGENT INVOLVED)
2. AGENT PERFORMS FUNCTION ANYWAY.	
1. AGENT PERFORMS FUNCTION. 2. FUNCTION IS AVAILABLE IN IVR.	UNDERUTILIZATION OF IVR FUNCTIONALITY.
1. AGENT PERFORMS FUNCTION 2. FUNCTION NOT CURRENTLY AVAILABLE IN IVR. 3. FUNCTION COULD POTENTIALLY BE ADDED	IVR MISSING CRUCIAL FUNCTIONALITY
1. CUSTOMERS OPTING OUT OF IVR AT FEW POPULAR POINTS. 2. IVR DOES NOT PROMPT FOR ID AT THE POINT.	MISSED OPPORTUNITY FOR AUTOMATED CUSTOMER DATA INPUT
1. AGENT STAYS ON THE LINE DURING TRANSER 2. POLICY DOES NOT ADVOCATE A "WARM TRANSFER"	POSSIBLE POLICY VIOLATION (REGARDING WARM TRANSFERS)
1. AGENT STAYS ON THE LINE DURING TRANSFER 2. TIME ON HOLD WITH CUSTOMER SUGGESTS AGENT NOT USING SPECIAL QUEUE FOR TRANSFER	POSSIBLE POLICY VIOLATION (REGARDING USE OF FAST QUEUE FOR AGENT TRANSFERS)
1. # CUSTOMERS REMAINING SILENT IN IVR 2. PERCENTAGE OF ROTARY USERS KNOWN 3. IF 1 SUBSTANTIALLY EXCEEDS 2	CUSTOMERS REFUSING TO PLAY THE GAME
1. # COSTUMERS COOPERATING IN IVR 2. # CUSTOMERS GETTING READOUT BEFORE ABANDONING IF 1 SUBSTANTIALLY EXCEEDS 2	CUSTOMERS RECEIVING NO BENEFIT FROM IVR THOUGH WILLING TO TRY
1. # CALLS 2. # CALLERS COMPLETING AT LEAST 1 FUNCTIONS IN IVR (INCLUDING GETTING READOUT) AND NOT GOING TO AGENT IF 1 SUBSTANTIALLY EXCEEDS 2	LOW "COMPLETE-SELF-SERVE" RATE

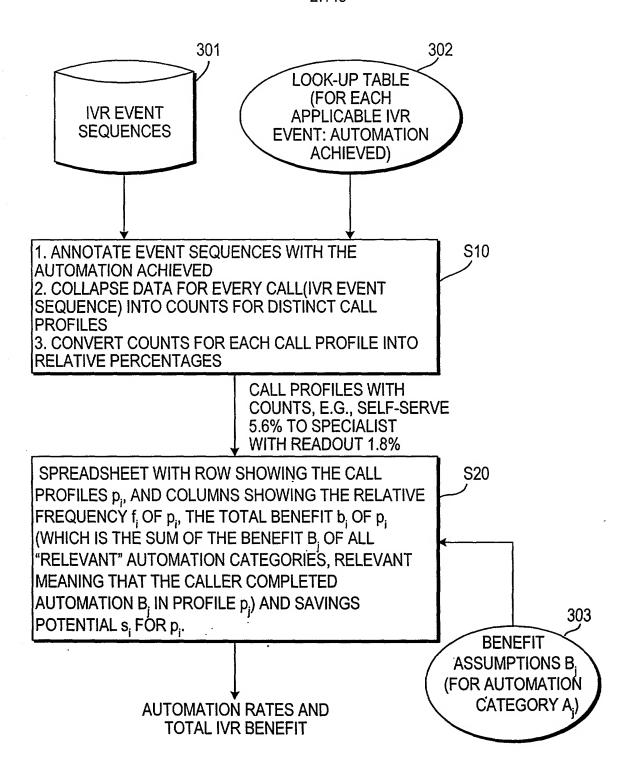


FIG. 7

							TO LO HI
	71217		ALITOMATION (Bii)	(Bii)		BENEFIT (AGENI SECS)	ENI SECS)
CALL PROFILE (P;)	IKAFFIC (II)		# TIVI IOOOV	POLITING	RAFFIC (1) (1) (1) ACCOUNT # BOLITING INFO DELIVERY	ONE CALL	AVERAGE
	CALLS	% CALLS	ACCOON! #	21110011			, ,
TILLY ALITOMATED CALLS	72	2.0%	V	œ		105	7.1
TEANISEERS TO SPECIALIST	-	%0.0	A	~	_	105	0.0
AFTER INFORMATION READOUT	-					2	90
TRANSFERS TO FLOOR AFTER	. 38	1.0%	A			8	0.0
INFO READOUT				0		40	9.3
TRANSFERS TO SPECIALIST W/ ID	849	23.4%		۲		:	
	_	100	<			15	4.2
TRANSFERS TO FLOOR W/ ID	1008	21.1%	₹				
	591	16.3%					1
TRANSFERS TO FLOOR W/O ID	3						0
IN TSI ISECTION OF THE PROPERTY IN THE PROPERT	389	10.7%	4	κ̈́		-25	-2./
MISKOULED TO SI EST. TELS	4					07	
MISROUTED TO SPECIALIST W/O	9	0.2%		بر مذ		04	; ;
<u>Q</u>	-						
ABANDONS	681	18.7%					
	000	400 0%	41.5%	14.5%	3.1%		13.4
TOTAL	3030				_		
			E	2 UH			
			/ ·	ر د			

AUTOMATION CATEGORY	CALLER IDENTIFICATION ("A")	INFORMATION DELIVERY ("I")	ROUTING ("R")
ASSUMED BENEFIT (AGENT SECS)	15	40	40

FIG 9

				SAVINGS	AUTOMATION	
AUTOMATABLE TRANSACTIONS	#OCCURRENCES	TIME SPENT	FREQUENCY	POTENTIAL	CATEGORY	
ACCOUNT BALANCE	88	27.31	21.5%	5.9	_	
NEW PAYMENT ARRANGEMENT	56	20.94	13.7%	2.9	-	
CURRENT PAYMENT ARRANGEMENT	6	22.08	2.2%	0.5	_	
ZIP_CODE	2	9.48	0.5%	0.0	A	
PAYMENT LOCATION	18	21.3	4.4%	6.0	_	
BALANCED_PAYMENT_PLAN_AMOUNT ·	9	21.8	1.5%	0.3		
RULES 12 AND 22	#	13.5	2.7%	0.4	_3 _	
NEW APPOINTMENT_DATE_TIME	84	14.51	20.5%	3.0	0/4: •	
IS GAS APPLIANCE	3	24.75	%2.0	0.2		
IS NOT GAS APPLIANCE	3	9.22	%2'0	0.1	۷	
NEW APPOINTMENT CONFIRMATION TELEP	82	18.26	20.0%	3.7	۷	
NEW APPOINTMENT LOCATION	99	15.19	16.1%	2.5	V	
NEW_APPOINTMENT_DOG	57	11.72	13.9%	1.6	۷	
NEW_APPOINTMENT_MULTI_OR_SINGLE		0	%0.0	0.0	۷	
NEW APPOINTMENT_ADULT_PRESENT	5	5.29	1.2%	0.1	V	
APPOINTMENT_DETAILS_CONFIRMATION	13	36.14	3.2%	1.	—	
TOTAL NUMBER OF ANNOTATED CALLS	409			23.1		

WEIGHTED OPPORTUNITY: 16.6

%HANDLED BY AGENT 72%

FIG. 10

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CUSTOMER CONTACT TYPE	% CALLS	CUSTOMER ID	ROUTING	INFO DELIVERY	TRANSACTION
CUSTOMER SERVICE	8.7%	×			
BALANCE BILLING	36.7%	×	×	×	
PAYMENT ARRANGEMENTS	13.0%	×	×	×	×
PAYMENT OPTIONS	4.0%	×	×	×	
TURN ON	3.0%				
RATES	1.3%		×	×	
STOP SERVICE	3.5%	×			
SERVICE .	11.5%	×			
APPOINTMENT	16.5%	×	×	×	×
EMERGENCY	1.8%	×		:	:
TOTAL/UPPER BOUNDS	100.0%	95.7%	71.5%	71.5%	29.5%

HOW TO TRANSFORM UPPER BOUNDS ON AUTOMATION TO AGENT TIME SAVING OPPORTUNITIES:

28.6 2 3.575 14.355 5 BENEFIT ASSUMPTION [AGENT SECS PER CALL] BENEFIT [AGENT SECS]

58.33 95.7% × 15 = 14.355

TOTAL OPPORTUNITY

FIG. 11

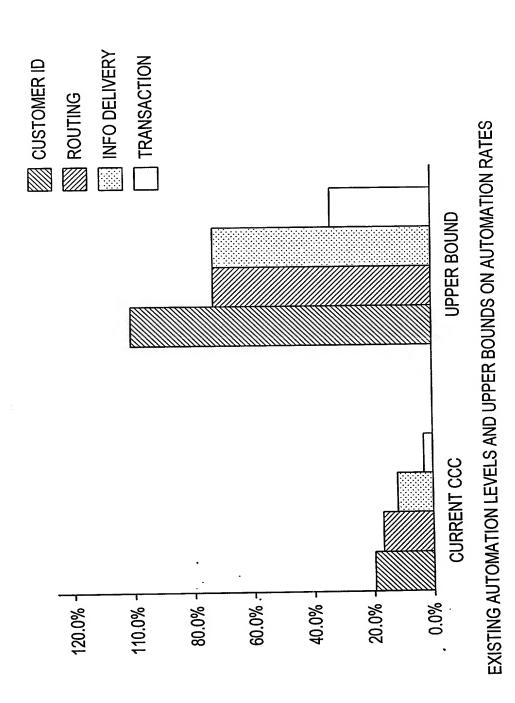


FIG. 12

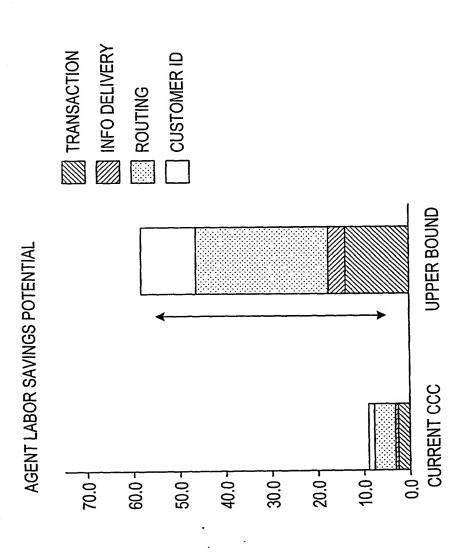
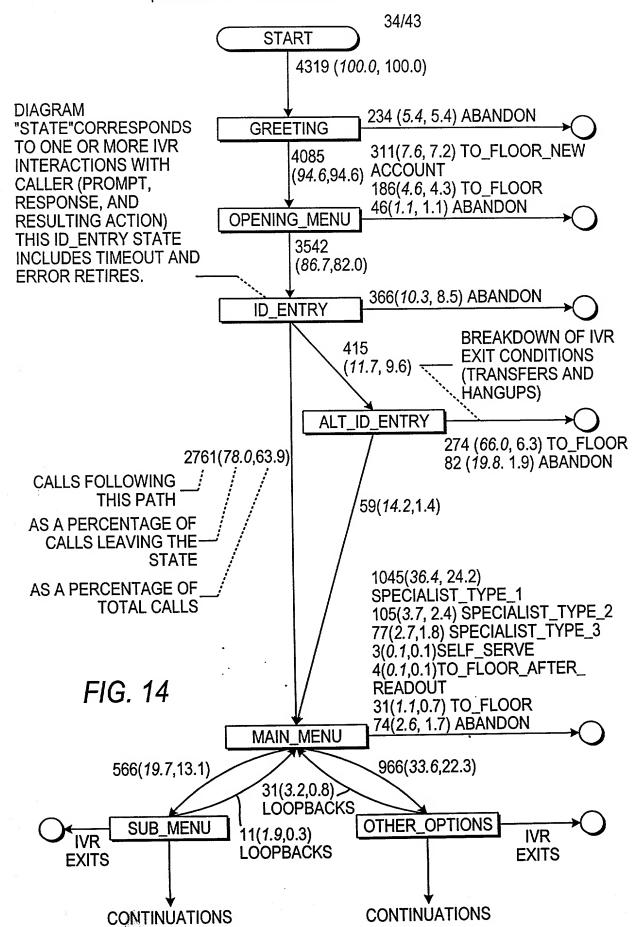


FIG. 13



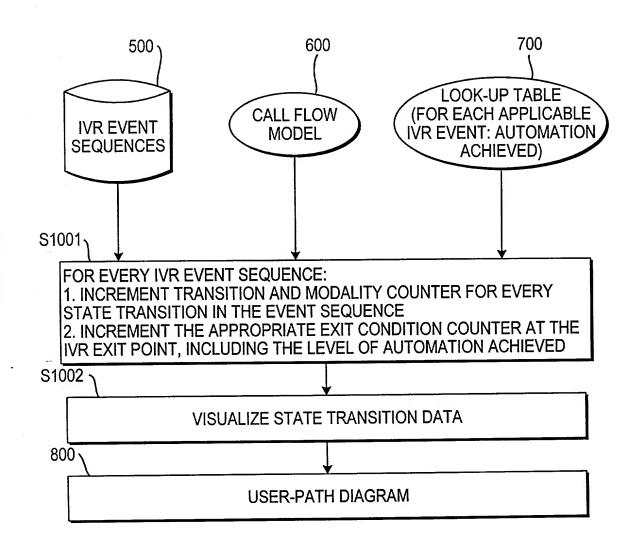
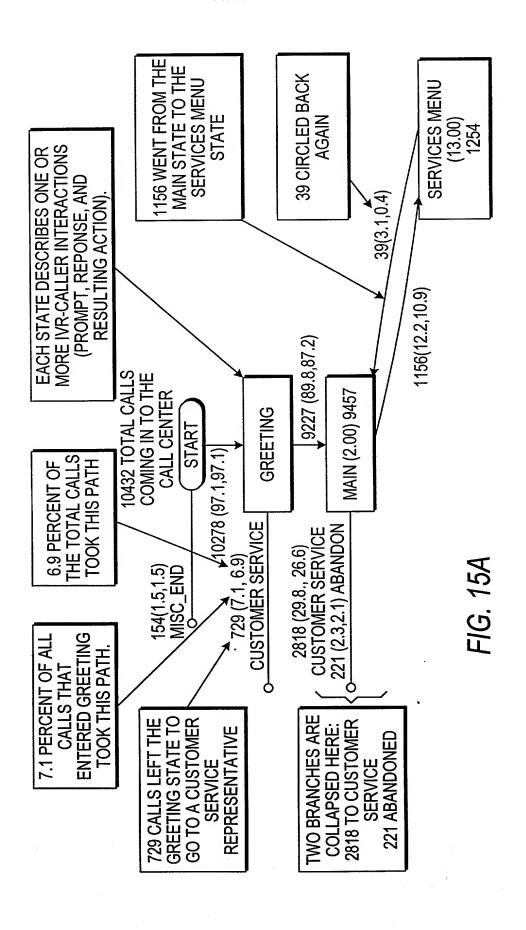


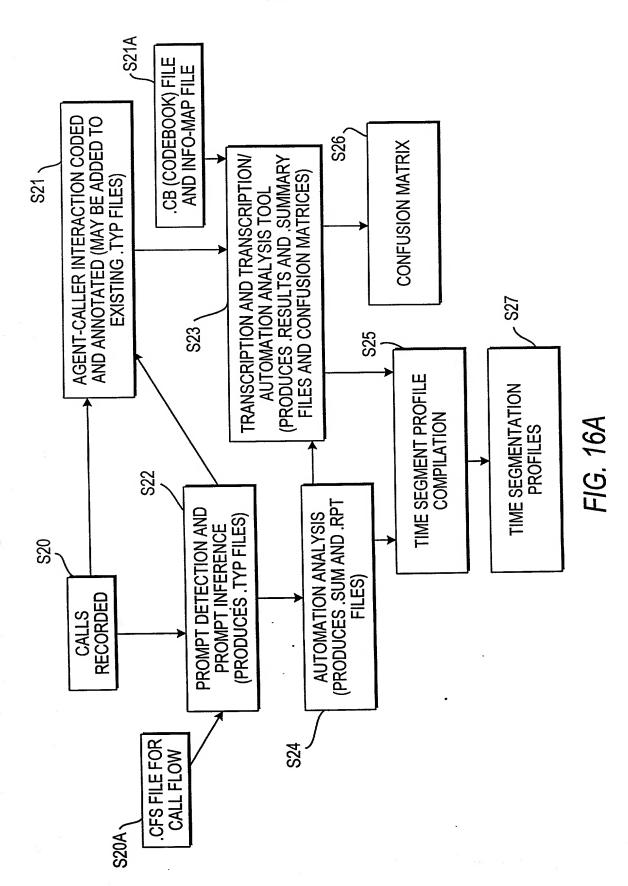
FIG. 15



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	TRUE CA	LL TYPE (FRON	TRUE CALL TYPE (FROM AGENT INTERACTION)	(CTION)		
	30%	300	300		CALLO	
CALLER'S TT MENU CHOICE	SCIMITY,	SCIMITY S	5 C/A 173	\$00x	TONNO YOUTED	400/4C/1/2
SPECIALTY 1	33	0	16	16	92	51%
SPECIALTY 2	0	24	0	0	24	100%
SPECIALTY 3		2	8	0	10	%08
FLOOR	22	10	56	150	208	72%
CALLS BY TRUE TOPIC	55	36	50	166	307	
TOPIC VOLUME	18%	12%	16%	54%	100%	
CORRECTLY IDENTIFIED	%09	%29	16%	%06	%02	
_					OVERALL ACCURACY	LI ACY
			DIAGONA OTHERS:	DIAGONAL = CORRECTLY ROUTED OTHERS = MISROUTED	Y ROUTED	
		3F 013	c			

FIG. 16



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																		39	<u>/43</u>	<u> </u>																
H	FIRST TOPIC	STRT	PAY-CHG	PAY-MAK	PAY-MAK	ECI	RSTR	OTH	PAY-MAK	PAY-REV	PAY-MAK	CHNG	PAY-MAK	CHNG	PAY-MAK	PAY-MAK	PAY-MAK	ECI	STRT	BAL	PAY-MAK	PAY-MAK	PAY	ОТН	PAY-MAK	RSTR	RSTR	STRT	PAY-MAK	STRT	PAY-MAK	PAY-MAK	PAY-REV	PAY-MAK	BIL	PAY-MAK
9	FIRST AGENT FIRST AGENT FIRST TOPIC																																			
4	FIRST AGENT																																			
	IVR ROUTING DEST	TURNON	PAYMENTX	YMENTX	BALANCEBILLING	BALANCEBILLING	BALANCEBILLING	BAI ANCERII ING	CISTOMERSERVICE	CLISTOMERSERVICE	VMENTX	TURNON	YMENTX	TURNON	BALANCEBILLING	PAYMENTX	CUSTOMERSERVICE	BALANCEBILLING	TURNON	PAYMENTX	PAYMENTX	BALANCEBILLING	PAYMENTX	CUSTOMERSERVICE	CUSTOMERSERVICE	APPOINTMENT	CUSTOMERSERVICE	TURNON	CUSTOMERSERVICE	RATES	CUSTOMERSERVICE	AYMENTX	AYMENTX	PAYMENTX	BALANCEBILLING	CUSTOMERSERVICE
ш	N.	UT	IFIRM ADDR PA	EPHONE, CO PA			BA	Ī	T	3 2	IEIRM ADDR PA	UT.	JEIRM ADDR PA	UL	BA		_		-			-			ಶ	AF	ນ	JT.	ਠ	∕2	<u>ರ</u>	NFIRM ADDR PA	NFIRM ADDR PA	LEPHONE P/		ರ
Q	IVR INFORMATION	RULES 12 AND 22 READOUT			FDOM			CALLING EBOM SEBVICE LOCATION TELEPHONE	G FROM SERVICE LOOPINGS, LEEK		CALLING EPON SERVICE LOCATION CONFIRM ADDR DAYMENTX	DINES 12 AND 22 READOUT	CALLING EPOM SERVICE LOCATION CONFIRM ADDR PAYMENTX	DILLES 12 AND 2 READOLT		CALLING FROM SERVICE LOCATION CONFIRM ADDR		CALLING FROM SERVICE LOCATION TELEPHONE.CO	RIII ES 12 AND 22 READOUT	CALLING FROM SERVICE LOCATION.TELEPHONE	CALLING FROM SERVICE LOCATION, CONFIRM ADDR	CALLING FROM SERVICE LOCATION, TELEPHONE	4					12 AND 22 READOUT		12 AND 22 READOUT		CALLING FROM SERVICE LOCATION, CONFIRM ADDR PAYMENTX	CALLING FROM SERVICE LOCATION, CONFIRM ADDR PAYMENTX	CALLING FROM SERVICE LOCATION, TELEPHONE		
0		THOMESERVICE	_	Z		5	P-AGI CSRFROMBILLING	T	빌	ROMMAIN		Y N	P-AGEINI STANT COMINI		_	Ţ	T	ICATE		Š		_	_	_	FROMMAIN	P-AGENT-ID-MAKE-APPOINTM	FROMMAIN	P. AGT. STARTHOMESERVICE RULES	_	P. AGEND-MAII FI FC R RULES		AY M	U.	_	_	CSRFROMMAIN
	SNITING GVI	Т	Т	1	Т	Т	Т	Т	1	P-AGT	\neg	丁	┪	5 5	2 2	\top	┪	Т	Т	\top	Т	Т	Т	Т	T	T	Т	T	T	Т	Т	100	TOV	150	PAGT	P-AGT
α	TIVE CVIT	INCOMBIETE	INCOMPLETE:	INCOMPLETE	INCOMPLETE	INCOMPLETE	INCOMPLETE	INCOMPLETE	INCOMPLETE	INCOMPLETE	INCOMPLETE	INCOMPLETE	INCOMPLETE	INCOMPLETE	INCOMPLE IE	INCOMPLETE	INCOMPLETE	INCOMPLETE	INCOMPLE IE	INCOMPLE IE	7	┪	\top	1	1	十	7	7	Т	Т	Т	7	1	T	1	1
V	THI PHANT	T FILEINAME	7	7	4 /D4M/IRANS/	╗	6 /D4M/TRANS/	7 /D4M/TRANS/	8 /D4M/TRANS/	9 /D4M/TRANS/	10 /D4M/TRANS/	11 /D4M/TRANS/	12 /D4M/TRANS/	13 /D4M/TRANS/	14 /D4M/TRANS/	15 /D4M/1Kans/		17 /D4M/TRANS/	18 /D4M/1Kans/	19 /D4M/I KANS/		21 /D4M/IRANS/	22 / DAMITRANS	23 /D4IM/ INCINS	SC /D4M/ I RAINS/	20 /UMM/IRANS/	20 /OHM/TEANS	20 /DAMPEDANC	20 /D4M/ I RANS/	29 /DANTEDANS	SU /DAM/ I RAINS/	31 /D4M/IRANS/	32 /D4M/TDANS/	33 /D4M/1KANS/	25 /DAM/TRANS/	35 /D4M/TRANS/

FIG. 17

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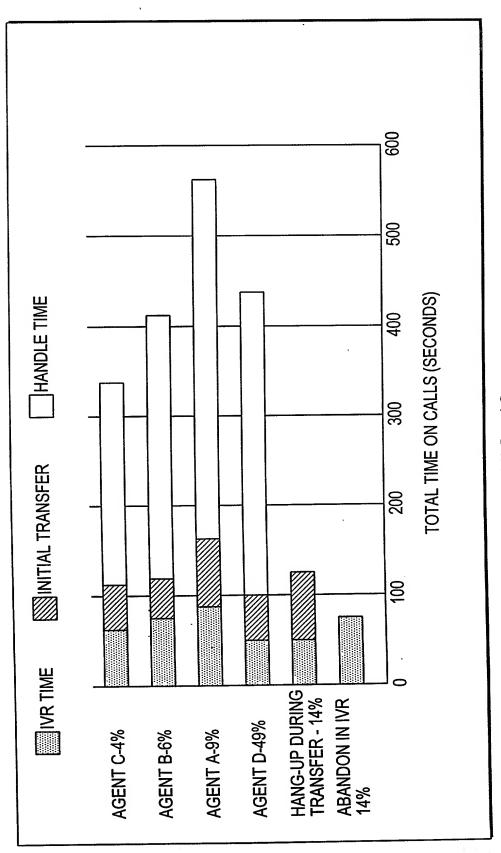


FIG. 18

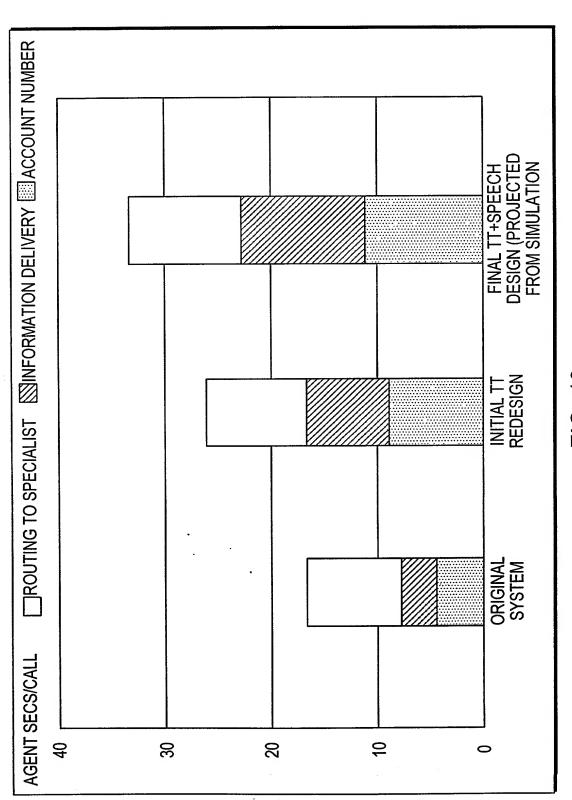


FIG. 19

